

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER A-9737	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/527798	
INTERNATIONAL APPLICATION NO. PCT/US03/29981	INTERNATIONAL FILING DATE 25 September 2003	PRIORITY DATE CLAIMED 27 September 2002	
TITLE OF INVENTION APPARATUS AND METHOD USING CONTINUOUS-WAVE RADIATION FOR DETECTING AND LOCATING TARGETS HIDDEN BEHIND A SURFACE			
APPLICANT(S) FOR DO/EO/US CLOUTIER, Paul A. and OEHME, Delbert R.			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13<i>ter</i>.2 and 37 CFR 1.821 - 1.825. 20. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 23. <input checked="" type="checkbox"/> Other items or information: <p style="margin-left: 20px;">Copy of Form PCT/IB/308</p>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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24. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2"></th> <th>Applicant use</th> <th>Office use</th> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> <td>\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> <td>\$100.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> <td>\$100.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1000.00</td> <td>\$500.00</td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>								Applicant use	Office use	<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	\$300.00	<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$100.00	<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$100.00	TOTAL OF ABOVE CALCULATIONS =		\$1000.00	\$500.00
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<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	\$300.00																						
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$100.00																						
<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$100.00																						
TOTAL OF ABOVE CALCULATIONS =		\$1000.00	\$500.00																						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE																					
- 100 =	/50 =			x \$250.00	\$ 0.00																				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).																									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																						
Total claims	26 - 20 =	6	x \$50.00	\$ 300.00																					
Independent claims	2 - 3 =	0	x \$200.00	\$ 0.00																					
MULTIPLE DEPENDENT CLAIMS (if applicable)			<input type="checkbox"/> +	\$360.00	\$ 0.00																				
TOTAL OF ABOVE CALCULATIONS =				\$800.00																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																									
SUBTOTAL = \$ 800.00																									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																									
TOTAL NATIONAL FEE = \$ 800.00																									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ 0.00																									
TOTAL FEES ENCLOSED = \$ 800.00																									
Amount to be refunded:																									
Amount to be charged:																									
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.																									
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1165</u> in the amount of <u>\$800.00</u> to cover the above fees. A duplicate copy of this sheet is																									
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1165</u> . A duplicate copy of this sheet is enclosed.																									
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																									
SEND ALL CORRESPONDENCE TO: Nelson H. Shapiro																									
Customer No. 181																									
SIGNATURE																									
Nelson H. Shapiro March 15, 2005																									
NAME																									
17,095																									
REGISTRATION NUMBER																									